

*Stated Meeting, May 19, 1876.*

Present, 11 members.

Prof. P. E. CHASE, in the Chair.

Mr. Selwyn and Mr. Carll, new members, were introduced to the presiding officer, and took their seats.

Visitors from corresponding societies, Mr. Honeyman and Mr. Lawson, of Nova Scotia.

A letter accepting membership (with photograph for the album) was received from Prof. Thos. C. Archer, dated Philadelphia, May 7, 1876.

Letters acknowledging the reception of publications were received from the Société Hollandaise, dated Harlem, February 1876 (XV ii, 94); the Foundation Teyler, dated Harlem (92, 93); the Statistical Society, London April 26, (95); the N. H. S of Northumberland, D. and N. upon Tyne, April 25, (95); the Royal Society of Edinburgh, February 21, (92, 93).

Letters of envoy were received from the S. Hollandaise March; Cent. Obs. St. Petersburg, March; Fondation Teyler, Harlem; and Department Interior, U. S., Washington, May 6, 1876.

Donations were received from the Royal Academy at Berlin; the Musée Teyler; Society of Anthropology and Revue Politique at Paris: M. LeComte Leopold Hugo, at Rome; the R. Geographical, R. Asiatic, and Chemical Societies and Victoria Institute at London; Nature; Radeliffe Observatory; M. Juhlen Deby: R. Society at Edinburgh; R. Dublin Society; Canadian Naturalist; Boston S. N. II.; State Board of Health, Mass.; American Chemist; Franklin Institute; Mr. John E. Wootten; Medical News; Second Geol. Survey of Pennsylvania; Department of the Interior and Engineer Department U. S., Washington; Dr. J. H. Kidder; Young Men's Association, Buffalo; and the Scientific Monthly at Toledo, Ohio.

The Committee to whom was referred the medical prize theses, reported.

Mr. Honeyman, by invitation, read a paper on the varieties of transported boulders found by him in the banks and "red heads" of the Nova Scotia shore for twenty miles east of Halifax, and along the harbor and railways to Winsor and Pictou; showing, by means of a colored map, and specimens containing fossils, and specimens of amygdaloid, agate, syenite, dolerite, diorite, granite, iron ore, &c., that the deposit at Halifax was the terminal and medial moraine of a glacier having its base along or behind the Cobequid mountains, 80 or 90 miles distant, and that the arc of collection and dispersion, of which Halifax was the centre of concentration, had an amplitude of  $45^{\circ}$ . The striæ on the rocks towards Halifax had an average trend of  $S. 5^{\circ} E.$ ; towards Windsor of  $S. 20^{\circ}—30^{\circ} E.$ ; and towards Pictou of  $S. 25^{\circ} W.$ :

The thanks of the members present were warmly expressed by the presiding officer and others.

Professor Houston described some results which he had got with a Crooke radiometer in a good Geissler tube of his own manufacture, going to show that light was ancillary to heat in the action of the instrument. Presenting, however, non luminous rays of heat, as for example from heated copper, a small but decided motion was obtained. Moonlight gave no motion, but he intended to concentrate moonlight on the flags by means of a 16" Fresnel lens.

Mr. Briggs reminded him that the thermopile revealed heat rays in the moonbeams, and an alum plate would be required to make the experiment satisfactory.

The minutes of the last meeting of the Board of Officers were read.

Pending nominations Nos. 793 and 803 were read.

On motion of Mr. Price, the Secretaries were instructed to reply to Mr. Kesselmeyer's letter, respecting the Calendarium, declining his proposals.

And the meeting was adjourned.